

NETWORKED DEVICE BRANDING FOR SECURE INTERACTION IN TRUST WEBS ON OPEN NETWORKS

ABSTRACT OF THE DISCLOSURE

A branding process provides a networked computing device with initial set up
5 information, including a name, a public/private key pair, and a set of certificates the device
will need to inter-operate with other devices in the trust group. A branding device conveys
the initial set-up information to the networked computing device via a limited access
network interface, or alternatively via a broadcast network media with the device enclosed
in a wave guide and/or Faraday cage. The networked computing device can then use the set
10 up information to verify that other devices on the network that seek to interact with the
device are also members of the trust group, with which networked computing device can
interact.